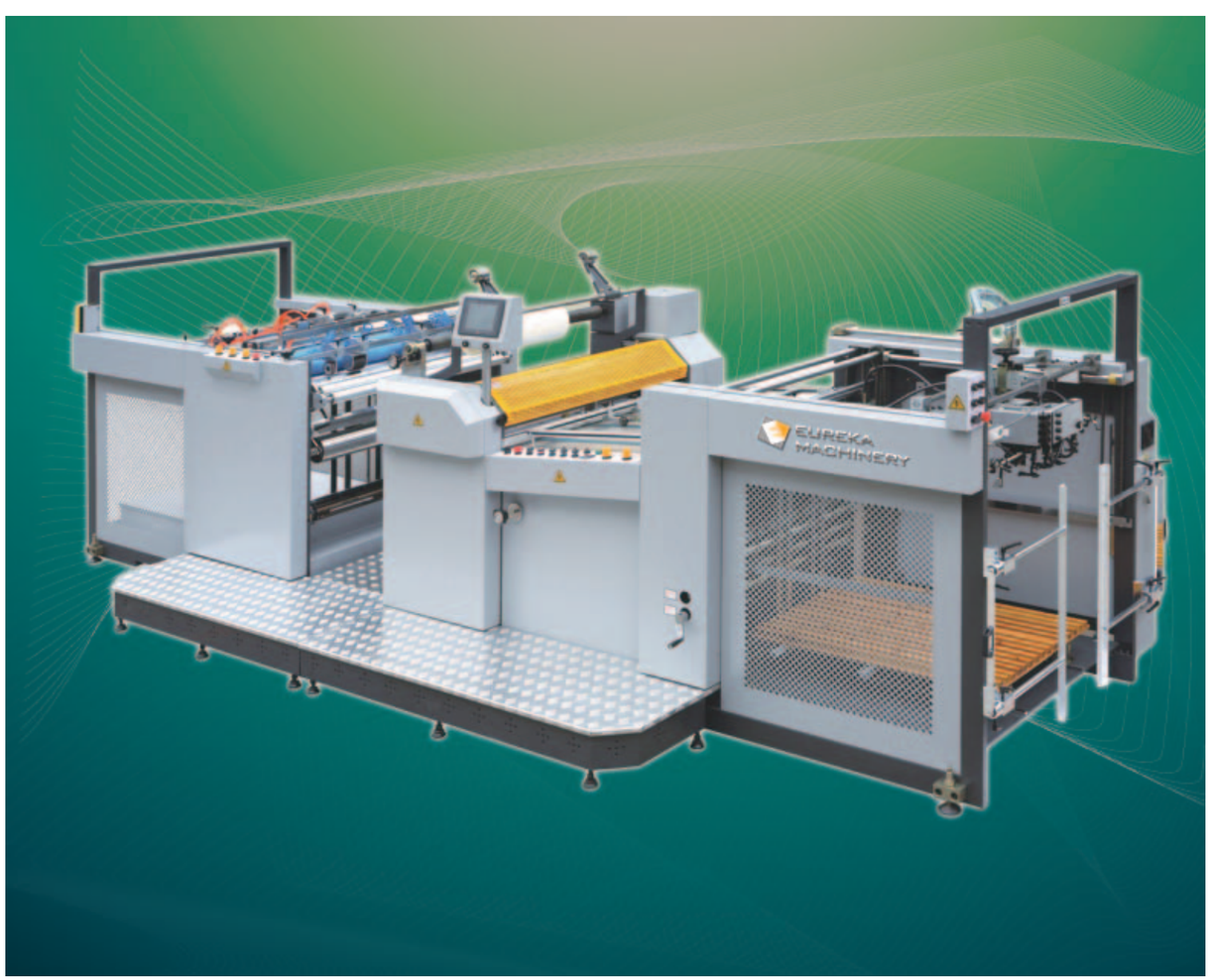
Eureka Machinery
Film Laminating Machine Series

Version 2011



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FIND WHAT YOU'RE
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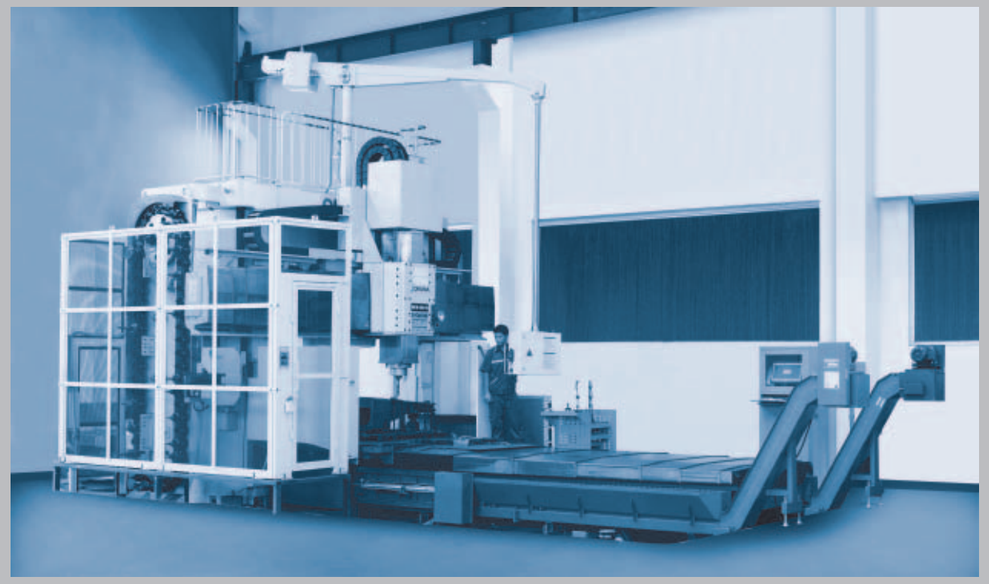
EUREKA MACHINERY

Eureka has been successfully broadened continental distributions over Europe, America, Asia and Africa of all series of laminators with various functions. The overall series of laminators professionally provide customers for unique solutions with specific materials. Plus all-time rapid service guarantees customers to enjoy not only solid quality but also swift service. The integration of Eureka net sales experience with the premium laminator is a must choice for customer.

Our factory has about 30 years of experience in manufacturing laminating machines. The strong technology, high quality products and perfect after-sale service help us gain the trust internationally. Passed Iso9001:2000 quality management system and CE certificate, we are keeping offering our customer the best quality machine and after-sale service.

Eureka, find what you are looking for!



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Semi-auto Thermal Film Laminating Machine Series

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Semi-auto Water-base Laminating machine

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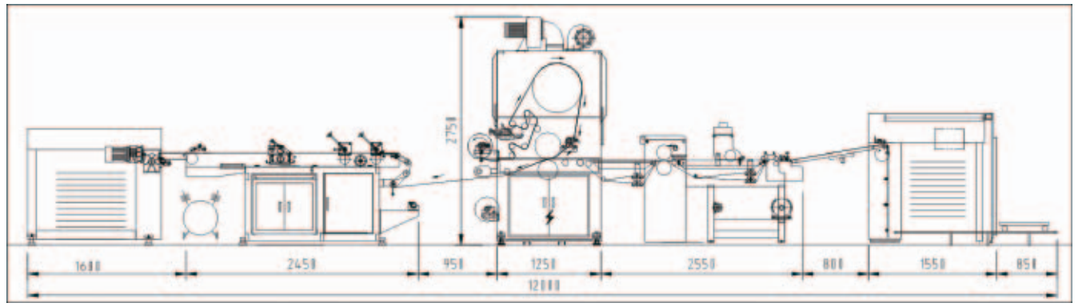
Automatic Vertical-type
laminating machine

ZFM-105



High-speed sheet feeding machine

1.Pre-folding function and non-stop paper supplying platform improve the efficiency.

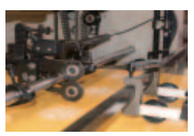
2.Double suction belt ensures the stable and high-speed delivering.

3.Double sheet detector and non-feeding photocells keep the machine run properly.

4.Komori printer gauge structure ensures stable feeding and good accuracy.

Pre-stack function and non-stop paper

Double suction belt



Double sheet detector

Komori printer gauge structure

High speed feeder

Wheel brush powder moving+ electric heating powder removing

1.Double-base powder removing device integrates brush powder removing and hot-pressing powder removing, which can effectively cleaning powder injected on the surface of printing material.

2.Reverse wheel brush has good powder removing effect. By intensive powerful air suction platform, paper is prevented from being deviated because of reverse wheel brush.

3.The hot-pressing powder removing roller adopts mirror-surface processed chrome steel roller, which ensures the powder removing effect. The temperature is automatically maintained in the roller to improve the effect.

Double-base powder removing device

Reverse wheel brush.

Chromed hot-pressing powder removing roller

Laminating section

1.Big-size heating roller with constant temperature integrates with hot air system quickly dry the film.

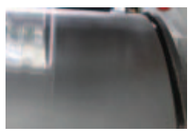
2.Pressure is automatically adjusted by the hydraulic pump according to the working condition.

3.Air shaft film roller is easy for film loading.

4.Wearable ceramic anilox roller is uneasy to be eroded by water-based glue

5.Diaphragm pump is featured with long life, easy maintenance.

6.The main machine is provided with a magnetic powder tension control mechanism to keep the product even.


Big-size heating roller.

Hydraulic pressing.

Air shaft film roller

Anilox roller coating roller

Diaphragm gluing pump

Auto tension control system

Technical parameters

Model	ZFM-105
Max. Sheet size	1200 × 1050mm
Min. Sheet size	350 × 350mm
Paper thickness	105 ~500 gsm
Film thickness	0.015 ~0.02mm
Power required	68kw (380 V AC3φ 50 HZ)
Laminating speed	10 ~60 m/min
Dimension	L 11500 × W 2500 × H 2300 mm
Machine weight	7000kg

Separating section and stack

1.Flying blades with perforating device

2.The paper length is adjustable and pneumatic separated.

3.Double pneumatic bats feature the fast response, long life and multiple or single paper patting.

4.The paper stack and the paper feeder have electrical connection function.

Remaining film slitting and rewinding function

Diagonal breaking type flying blade with perforating function.

Pneumatic separating

paper stack

Double pneumatic bats

Electrical Part

Humanized Operation.

OMRON PLC

OMRON Inverter And Contactor

Automatic Thermal Film Laminating Machine Series

SGFM-1100

SGFM series automatic laminating machine is designed for the lamination of glueless film and thermal paper. The machine realizes complete automatization to paper feeding, laminating, separating, and temperature control. The electric and pneumatic system is controlled by PLC and servo motor via touch screen. Heating roll adopts built-in oil heating system. This machine centralizes the features of high automatization, easy operation, high speed, big pressure and high precision.

Configuration

◇Pre-stack paper feeding system
◇Man-machine interface system: 7.5" colorful touch-screen simplifies the machine operation.
◇Paper size, overlapping size and laminating speed can be set directly via touch screen. And working status is monitored permanently.
◇Paper feeding system is equipped with photocells for automatic non-paper feeding stop, paper overlapping stop and paper breaking stop.
◇Air sucking for paper conveying belt table ensures accurate paper feeding, register and lamination.
◇Built – in oil heating system for keep laminating temperature uniform and stable.
◇Hydraulic pressure system provides automatically big and steady pressure to guarantee good laminating quality.
◇Film slitting device and perforating device for different paper size and smooth separating.
◇Air shaft with clutch tension control system for film roller
◇Movable separating system and paper stack ensures easy maintenance.
◇Pneumatic separating system: Cutting parameter can be set via touch screen.
◇Water chilling system to ensure excellent laminating effect without air bubble.
◇Pneumatic auto paper stacker and paper re-winder alternatively for different jobs.

Pre-stack Paper Feeder

Man-machine Interface System

Automatic Paper Collector

Paper Separating System

Technical parameters

Model	SGFM1100
Max. paper size	1040 x 820 mm
Min. paper size	300 x 440 mm
Paper thickness	125-500g/m²
Max laminating speed	0 – 50m/min
Total power	26kW
Total weight	3500kg
Overall dimensions	4800 x 2020 x 2020mm

Automatic Thermal Film Laminating Machine Series

SWAFM-1050

Configuration

◇Pre-stack paper feeding system
◇Man-machine interface system: colorful touch-screen.
◇Paper size, overlapping size and laminating speed can be set directly via touch screen. And working status is monitored permanently.
◇Paper feeding system is equipped with photocells for automatic non-paper feeding stop, paper overlapping stop and paper breaking stop.
◇Air sucking for paper conveying belt table ensures accurate paper feeding, register and lamination.
◇Built – in oil heating system for keep laminating temperature uniform and stable.
◇Hydraulic pressure system provides automatically big and steady pressure to guarantee good laminating quality.
◇Film slitting device and perforating device for different paper size and smooth separating.
◇Air shaft with clutch tension control system for film roller
◇Movable separating system and paper stack ensures easy maintenance.
◇Pneumatic separating system: Cutting parameter can be set via touch screen.
◇Vibrating paper stack and paper re-winder alternatively for different jobs

Technical parameters

Model	SWAFM-1050
Max Paper Size	1040x820mm
Min Paper Size	300x440mm
Laminating Speed	0-50m/min
Paper Thickness	125-500gsm
Gross Power	26kw
Overall Dimension	4900x2260x1900mm
Weight	3000kgs

Automatic Thermal Film Laminating Machine Series

SAFM-800A

Configuration

◇Automatic paper feeding by oil-free vacuum pump

◇Paper feeding system is equipped with photocells for automatic non-paper feeding stop, and paper breaking stop.

◇Man-machine interface system: colorful touch screen.

◇Paper size, overlapping size and laminating speed can be set directly via touch screen. And working status is monitored permanently.

◇Air sucking for paper conveying belt table ensures accurate paper feeding, register and lamination.

◇Built – in oil heating system for keep laminating temperature uniform and stable.

◇Hydraulic pressure system provides automatically big and steady pressure to guarantee good laminating quality.

◇Film slitting device and perforating device for different paper size and smooth separating.

◇Air shaft with clutch tension control system for film roller.

◇Pneumatic separating system: Cutting parameter can be set via touch screen.

◇Vibrating paper stack and paper winder alternatively for different jobs

Technical parameters

Model	SAFM-800A
Max Paper Size	780x1040mm
Min Paper Size	350x300mm
Laminating Speed	0-45m/min
Paper Thickness	125-500gsm
Gross Power	21kw
Overall Dimensions	3900x1630x1650mm
Weight	1800kgs

Automatic Thermal Film Laminating Machine Series

SFML-540

SFML-540 is newly developed upon market demand. The most attractive features of the machine are the compact structure and humanized design. Schneider, Omron etc international brands of electrical and photovoltaic parts equipped perfect the running stability and safety. The machine realizes automated operation and suits both glueless film and pre-glued film. For the laminating treatment of greeting cards, certificates, documents, book covers, packing boxes etc, this model is an excellent choice.

Configuration

◇Oil-free vacuum pump for automatic paper feeder.

◇Paper feeding system is equipped with photocells for automatic non-paper feeding stop, and paper breaking stop.

◇Man-machine interface system: colorful touch screen.

◇Paper size, overlapping size and laminating speed can be set directly via touch screen. And working status is monitored permanently.

◇Built – in oil heating system for keep laminating temperature uniform and stable.

◇Adjustable pneumatic laminating pressure

◇Air shaft with clutch tension control system for film roller

◇Film slitting device and perforating device for different paper size and smooth separating.

◇Anti-curvature device to level the laminated paper before separating

◇Pneumatic separating system: Cutting parameter can be set via touch screen.

◇Vibrating paper stacker.

Automatic Feeder

Paper Separating system

Paper Stacker

Technical parameters

Model	SFML-540
Max paper size	780x540mm
Min paper size	290x290mm
Paper thickness	125-500gsm
Working speed	0-30m/min
Gross power	19kw
Overall dimensions	2300x1300x1265mm
Weight	1000kgs

Automatic Thermal Film Laminating Machine Series

SAFM-800/1000

SAFM series automatic laminating machine is designed for the lamination of pre-glued film. This laminating machine is composed of feeding system, laminating system, separating system and paper collection system. The electric and pneumatic devices are controlled by PLC. Heating roll adopts oil cycle heating system to homogenize and stabilize laminating temperature. This machine centralizes the features of compact structure, high automatization and humanized operation design.

Technical parameters

Model	SAFM 800	SAFM 1000
Max Laminating size	780 x 1040 mm	1040 x 780 mm
Laminating Speed	350 x 300 mm	350 x 440 mm
Laminating temperature	125 – 500g/m²	125 – 500g/m²
Power	40m/min	40m/min
Heating power	22kW	22kW
Total weight	1500kg	1600kg
Overall dimension	4800 x 1650 x 1700 mm	4800 x 1850 x 1700 mm

Configuration List

Model	SGFM 1100	SWAFM-1050	SAFM-800A	SFML-540	SAFM Series
Film application	Thermal/Glueless	Thermal/Glueless	Thermal/Glueless	Thermal/Glueless	Thermal
Automatic feeder*	Pre-stack	Pre-stack	○	○	○
Laminating pressure system	Hydraulic	Hydraulic	Hydraulic	Pneumatic	Pneumatic
Pneumatic Stacker	○	□	□	X	□
Paper Separating System	○	○	○	○	○
Automatic overlapping system	○	○	○	○	X
Man-Machine interface System	○	○	○	○	X
Tension control system for film roller	○	○	○	○	○
Built-in Oil Heating system	○	○	○	○	External heater
Conveyer Belt with air sucking	○	○	○	X	○
Water Chiller	○	□	X	X	X

○:Equipped X: Not Equipped □:Option

Automatic Water-base Laminating Machine Series

SZFM-1100

SZFM-1100 automatic water-base laminating machine is ideal processing equipment for paper surface. The machine integrates machines, electrics, pneumatics and photocell, and owns several patent techniques. If compared with traditional laminating machine, the machine has the feature of high working efficiency, stable running, more humanization and saves users' producing costs and improves production efficiency.

Automatic Water-base Laminating Machine Series

SZFM-1100A

SZFM-1100A is an automatic water-base laminator updated upon model SZFM-1100 and long-term of application experience. Compared with SZFM-1100, this model is of much more humanization and automation. Pre-stacker feeder, electrical film lifer and other automated equipments improve further the machine working efficiency. Schneider, Omron etc international brands of electrical component dramatically improve the stability and safety. For high efficiency water-base lamination, this machine is an excellent choice.

Configuration

◇Automatic non-stop paper feeder adopts oil-free vacuum pump to feed paper automatically.
◇Paper feeding system is equipped with photocells for automatic non-paper feeding stop, paper overlapping stop and paper breaking stop.
◇With air sucker paper convey belt, side lay and front lay, paper feeding is more accurate and stable.
◇Man-machine interface system and PLC automatic control system simplifies the machine operation. Paper size, overlapping size and laminating speed can be set directly via touch screen. And working status is monitored permanently.
◇Stepless transmission system controlled by Schneider inverter ensures the stable and accurate speed adjustment.
◇Immerge type coating helps save glue and ensure the even coating as well.
◇Glue circulation system
◇Electrical film lifter helps the operator load the film roller easily.
◇Film slitting device and perforating device for different paper size and smooth separating.
◇PHILIPS IR drying lights allows the machine running in damp atmosphere.
◇Automatic rewinder system equipped with magnetic powder clutch makes tension control more convenient.
◇After paper is rewinded, you can push trolley to automatic separating machine and finish separating rapidly.

Technical parameters

Model	SZFM – 1100	SZFM – 1100A
Max Laminating size	1040 x 780 mm	820 x 1100 mm
Laminating Speed	350 x 440mm	300 x 440mm
Laminating temperature	80 – 400g/m²	80 – 400g/m²
Power	0 – 60m/min	0 – 60m/min
Heating power	8 kW	8.5 kW
Total weight	2000 kg	2500 kg
Overall dimension	3800 x 1750 x 1700mm	3750 x 1900 x 1850mm

Configuration List

Model	SZFM – 1100	SZFM – 1100A
Film application	Water-base	Water-base
Automatic feeder*	○	Pre-stack
Automatic overlapping system	×	○
Man-Machine interface System	×	○
Electrical film lifter	×	○

○:Equipped X: Not Equipped

LMFQ-720/900/1100

Automatic Separating Machine

LMFQ series of automatic separating machine is a complement of water-base laminating machine, and applied for quick automatic separation of one-side laminated paper. The machine has the feature of compact structure, high speed and efficiency, easy operation and stable running etc. It is an ideal equipment to improve working efficiency.

Technical parameters

Model	LMFQ-720	LMFQ-900	LMFQ-1100
Max Separating size	670x1000mm	850x1000mm	1050x1000mm
Min Separating Length	300mm	300mm	300mm
Max Separating speed	70m/min	70m/min	70m/min
Power	1.5kw	1.5kw	1.5kw
Weight	400kg	500kg	650kg
Overall Dimension	2200x1250x1100mm	2200x1450x1100mm	2200x1650x1100mm

Semi-auto Thermal Film Laminating Machine Series

SFML-720/920/1050

It is a kind of dual-function product which is for both thermal and glueless film. The electrical devices are controlled by PLC system. The operator can realize both laminating and separating processed at the same time as long as the size of workable paper is input on the text screen.

Configuration

◇Frequency inverter realizes stepless variable speed.

◇PLC control system.

◇High precision hard chrome plating mirror heating roller, Build-in oil heating system.

◇Air expansion shaft for unwinding film. Convenient to load and release with accurate position.

◇Hydraulic pressure system provides automatically big and steady pressure to guarantee good laminating quality.

◇Pneumatic separating system: Cutting parameter can be set via command type screen.

Technical parameters

Model	SFML 720	SFML 920	SFML 1050
Max Laminating width	680mm	880mm	1040mm
Laminating Speed	0-30m/min	0-30m/min	0-30/min
Laminating Temperature	≤130℃	≤130℃	≤130℃
Power	13 kW	15 kW	16 kW
Total weight	900kg	1000kg	1100kg
Overall dimension	2200x1500x1300mm	2200x1700x1300mm	2200x1900x1300mm

Semi-auto Thermal Film Laminating Machine Series

SFML-500

SFML-500 semi-auto laminating machine is a small laminator which is designed and manufactured upon the market needs. The machine has the features of compact structure and easy operation. The electric and pneumatic devices are controlled by PLC system and one person can operate it easily. When users input paper size on commander screen, the machine can realize automatically lamination and separation processes.

Overlap Regulator

PLC Control Panel

Configuration

◇SCHNEIDER frequency converter is equipped for infinitely variable speed.

◇One-piece construction design, more stably.

◇Regulating plate can be adjusted easily to regulate overlapping size.

◇High precision of chrome plated heating roller is equipped with built-in electrical tube heater.

◇Pneumatic pressuring system provides steady pressure to guarantee laminating quality. Pressure adjustable.

◇Anti-curl device equipped can prevent curvature of filmed paper sheets.

◇Paper collector whose height is adjustable.

Technical parameters

Model	SFML-500
Max. laminating width	500mm
Max. laminating speed	20m/min
Paper thickness	25-500g/m2
Working temperature	60-120℃
Power	7.5kW
Total weight	300kg
Overall dimension	2.05x1.25x1.41 m

Semi-auto Thermal Film Laminating Machine Series

YFML-720/920/1200

YFML series, semi-automatic laminating machine is a pre-glued film laminator. The machine can be used to laminate and separation at one time. It equipped with anti-curvature device to prevent curvature of filmed paper sheets.

Configuration

◇Frequency inverter realizes stepless variable speed.

◇Hydraulic pressure system provides automatically big and steady pressure to guarantee good laminating quality.

◇Anti-curl device equipped can prevent curvature of filmed paper sheets.

◇Separating system can separate laminated paper automatically.

◇Film slitting device and perforating device for different paper size and smooth separating.

Technical parameters

Model	YFML 720	YFML 920	YFML 1200
Max Laminating size	600 x 800mm	800 x 900mm	1080 x 900mm
Laminating Speed	0-30m/min	0-30m/min	0-30/min
Min paper length	250mm	250mm	250mm
Laminating temperature	60-130℃	60-130℃	60-130℃
Paper thickness	125-500g/m²	125-500g/m²	125-500g/m²
Total weight	780kg	880kg	1000kg
Overall dimension	3850x1150x1450	3980x1350x1450mm	3980x1550x1450mm

Semi-auto Thermal Film Laminating Machine Series

YDFM-720/920/1200

YDFM series, adopts manual hydraulic pressure system, quick heating system. It has the feature of quick work speed, low noise and stable running. It gets rid of defects of snowflake spot on deep color printing and reduce production loss.

Technical parameters

Model	YDFM 720	YDFM 920	YDFM 1200
Max Laminating size	600mm	800mm	1080mm
Laminating Speed	0-30m/min	0-30m/min	0-30/min
Laminating temperature	60-130℃	60-130℃	60-130℃
Power	1.1 kW	1.5 kW	2.2 kW
Heating power	8 kW	8 kW	10 kW
Total weight	470 kg	520 kg	600 kg
Overall dimension	1900x1300x1600mm	1900x1500x1600mm	1900x1700x1600 mm

Semi-auto Thermal Film Laminating Machine Series

YDFM-720A/920A/1200A

YDFM-A series, is a upgrade vision of YDFM series. It equipped frequency converter, built-in oil heating system which suit glueless film.

Technical parameters

Model	YDFM-720A	YDFM-920A	YDFM-1200A
Max Laminating size	680mm	880mm	1040mm
Laminating Speed	0-30m/min	0-30m/min	0-30/min
Laminating temperature	60-130℃	60-130℃	60-130℃
Total Power	13 kW	15 kW	16 kW
Total weight	600 kg	700 kg	900 kg
Overall dimension	1900x1500x1550mm	1900x1700x1550mm	1900x1900x1550 mm

Configuration List

Model	SFML 720/920/1050	SFML-500	YFML series	YDFM series	YDFM-A Series	KDFM series
Film application	Thermal/Glueless	Thermal	Thermal	Thermal	Thermal/Glueless	Thermal
Oil heating system	○	Electric heating system	Electric heating system	Electric heating system	○	Electric heating system
Hydraulic laminating pressure	○	Pneumatic	○	Manual	manual	Mechanical pressure
Separating system	○	○	○	X	X	X
PLC control system	○	○	X	X	X	X
Command type in screen	○	○	X	X	X	X

These manual laminating machines are economic choice for small-medium printing shops. They are suitable for non-glue film or pre-glued film. Also they have different working method including electric heating or oil heating. Different pressure mode: hydraulic and mechanism

Some model has extra function of separating system. Please consult detail configuration and specification.

Semi-auto Thermal Film Laminating Machine Series

KDFM-720/900/1000/1200

KDFM series occupy small area and do easy operation. It equipped automatic temperature control system and speed adjustment device. It has function of cutting multi-roll film and surplus materials at once time. This machine adopts BOPP pre-glued film and does one-side and double-side lamination.

Technical parameters

Model	KDFM 720	KDFM 900	KDFM1000	KDFM 1200
Max Laminating size	600mm	800mm	880mm	1020mm
Laminating Speed	0-20m/min	0-20m/min	0-20m/min	0-20/min
Laminating temperature	60-130℃	60-130℃	60-130℃	60-130℃
Total power	3.85 kW	4.55 kW	4.75 kW	5.75 kW
Total weight	260 kg	380 kg	480 kg	600 kg
Overall dimension	1150x1100x1400mm	1450x1100x1400 mm	1550x1100x1450mm	1750x1250x1450 mm

○:Equipped X: Not Equipped □:Option

Semi-auto Water-base Laminating machine

SRFM-720A/900A

SRFM series manual water-base laminator is a well-designed laminating machine which adopts water-base conservational glue for BOPP or PET film. The machine adopts imported inverter, stepless speed adjustment device, I.R. lamp, auto film slitting, non-paper feeding stop device, automatic glue supplying system, film perforating device and trolley for quick winding.

this machine is widely used for book lamination, wall calendar lamination, hand bag, gift box and wine package lamination.

Technical parameters

Mode	SRFM-720A	SRFM-900A
Max Paper Width	670mm	850mm
Paper Thickness	80-500g/m²	80-500g/m²
Max Laminating Speed	40m/min	40m/min
Total Power	3kw	3kw
Gross Weight	800kg	900kg
Overall Dimensions	2500x1450x1700mm	2500x1700x1800mm

SKFM-1000/1200 Water-base Windows Laminating Machine

SKFM-1000/1200

This machine is designed and manufactured mainly for window packing boxes lamination and used to do full side of lamination. It applies environmental water-base glue and BOPP film.

The laminated paper product has the feature of good adhesivity and high transparence.

Technical parameters

Model	SKFM-1000	SKFM-1200
Max Paper Width	950mm	1150mm
Paper Thickness	200-500g/m²	200-500g/m²
Max Laminating Speed	0-45m/min	0-45m/min
Total Power	2.5kw	3.2kw
Gross Weight	800kg	950kg
Overall Dimensions	2900x1650x1420mm	2900x1850x1420mm